

Recombinant Human SLC26A7 293 Cell Lysate

Cat. No. SLC26A7-1751HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for solute carrier family 26, member 7 (SLC26A7), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SLC26A7 solute carrier family 26, member 7 [Homo sapiens]

Official Symbol

SLC26A7

Synonyms

SLC26A7; solute carrier family 26, member 7; anion exchange transporter; SUT2; sulfate anion transporter; MGC126268;

Gene ID

115111

mRNA Refseq

NM_052832

Protein Refseq

NP_439897

MIM

608479

UniProt ID

Q8TE54

**Chromosome
Location**

8q23

Pathway

Gastric acid secretion, organism-specific biosystem; Gastric acid secretion, conserved biosystem; Multifunctional anion exchangers, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific

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biosystem;

Function

anion:anion antiporter activity; bicarbonate transmembrane transporter activity; chloride channel activity; oxalate transmembrane transporter activity; sulfate transmembrane transporter activity; transporter activity;

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